

1. A method for contrast-enhanced diagnostic imaging of a specific tissue or tissue component that is undergoing or that has undergone interventional therapy, comprising the steps of:

(b) subjecting the patient to one of MRI, ultraviolet light, visible light or infrared light imaging; and

2. The method of claim 1, wherein the IEM is selected from the group consisting of organic molecules, metal ions, salts and chelates, particles, clusters, iron particles, labeled peptides, proteins, polymers, liposomes, organic dyes and inorganic dyes.

4. The method of claim 3, wherein the metal ion is a paramagnetic metal ion with atomic numbers 21-29, 42, 44 or 57-83.

$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx = \frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx$

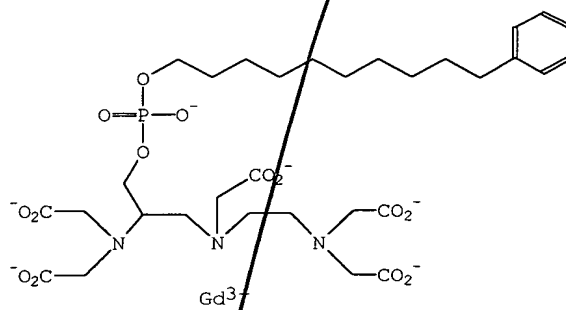
$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx = \frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx$

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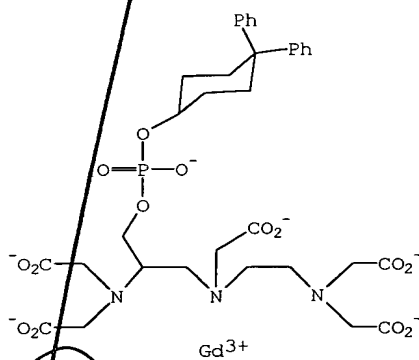
(a) administering to a patient a contrast agent having one of the following formulas:



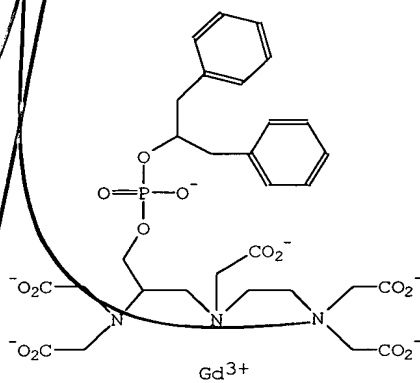
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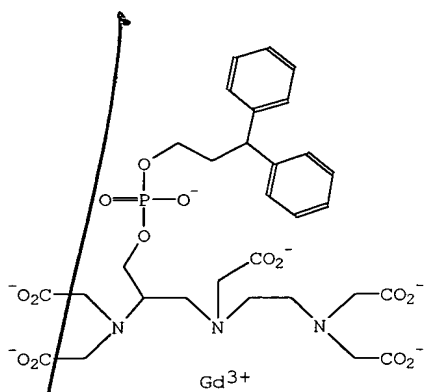
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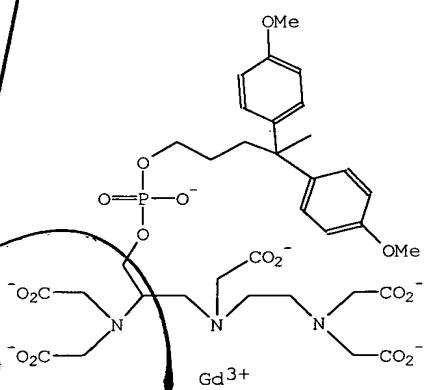
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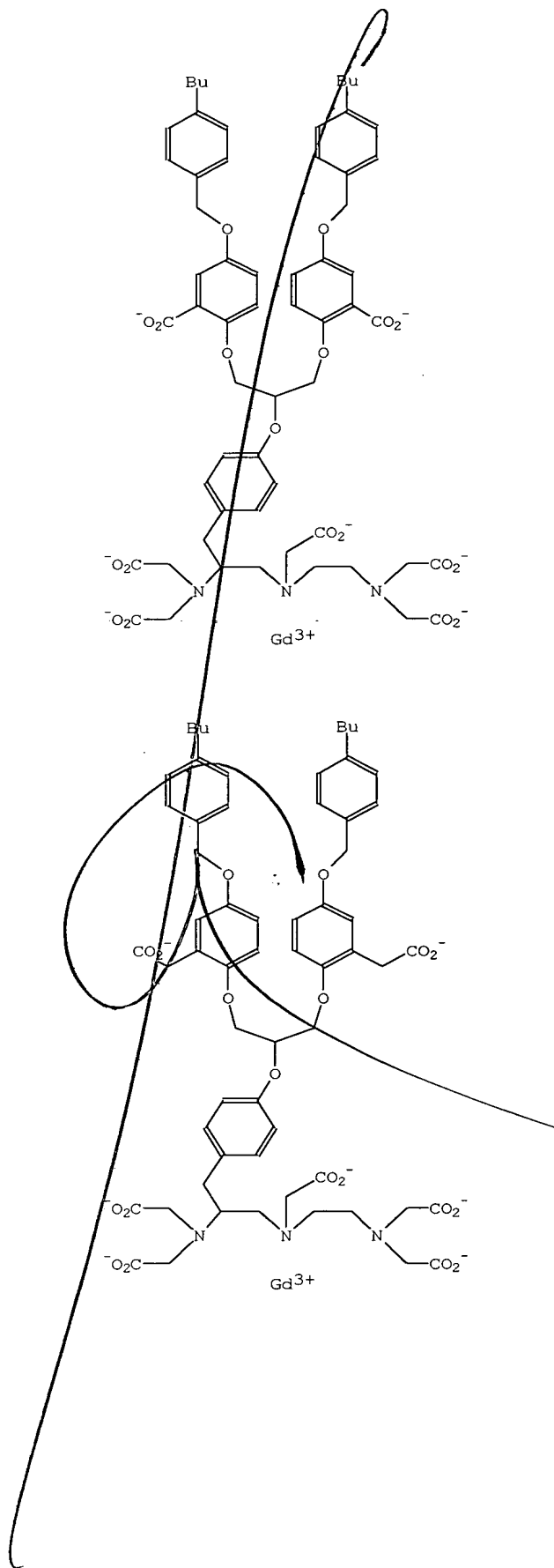
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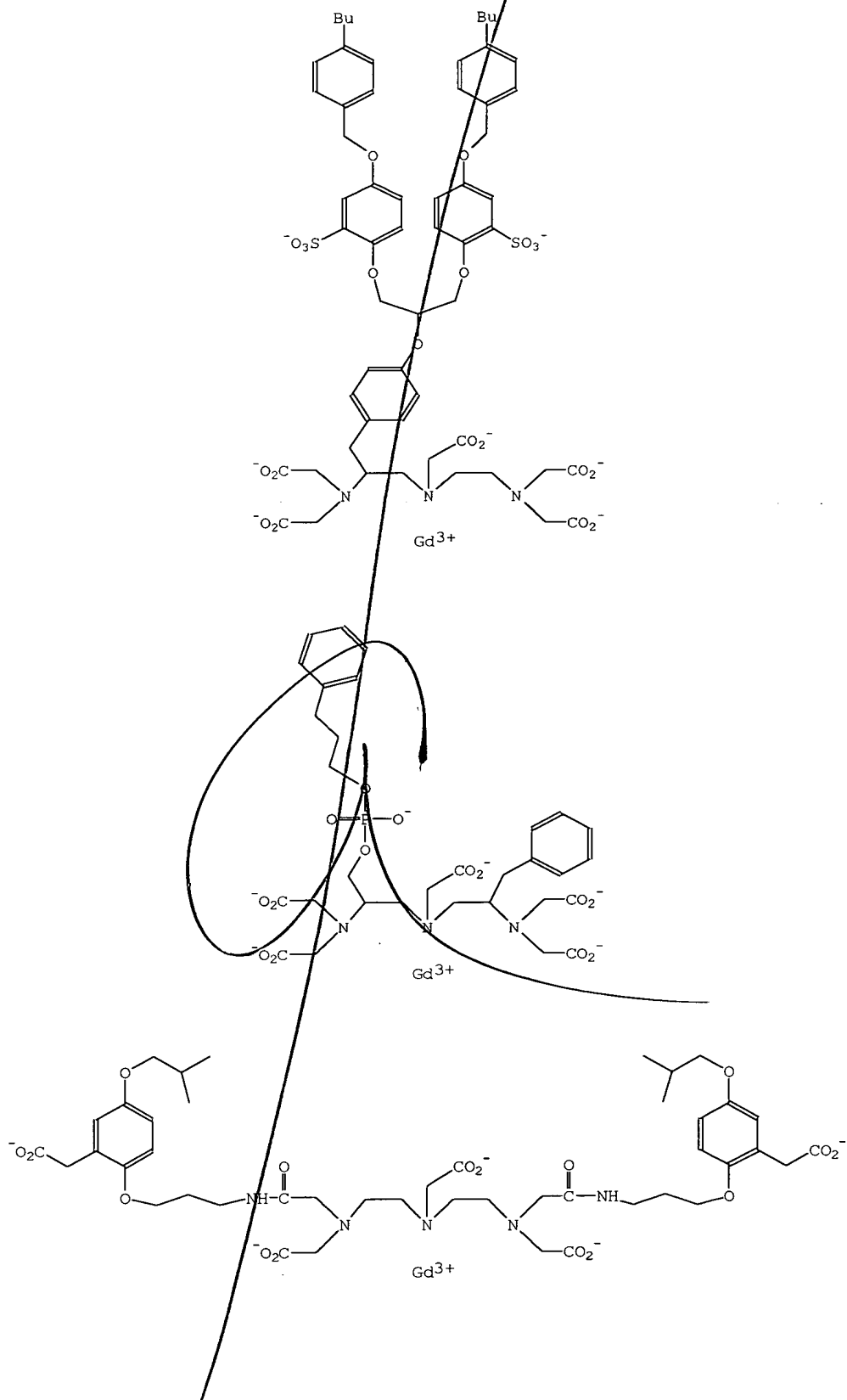


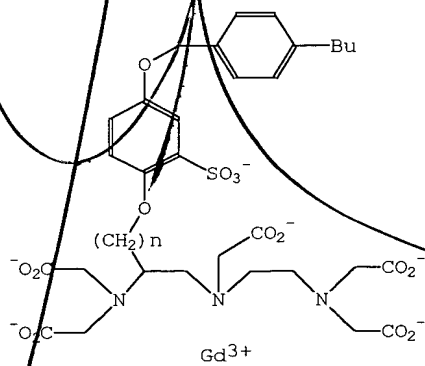
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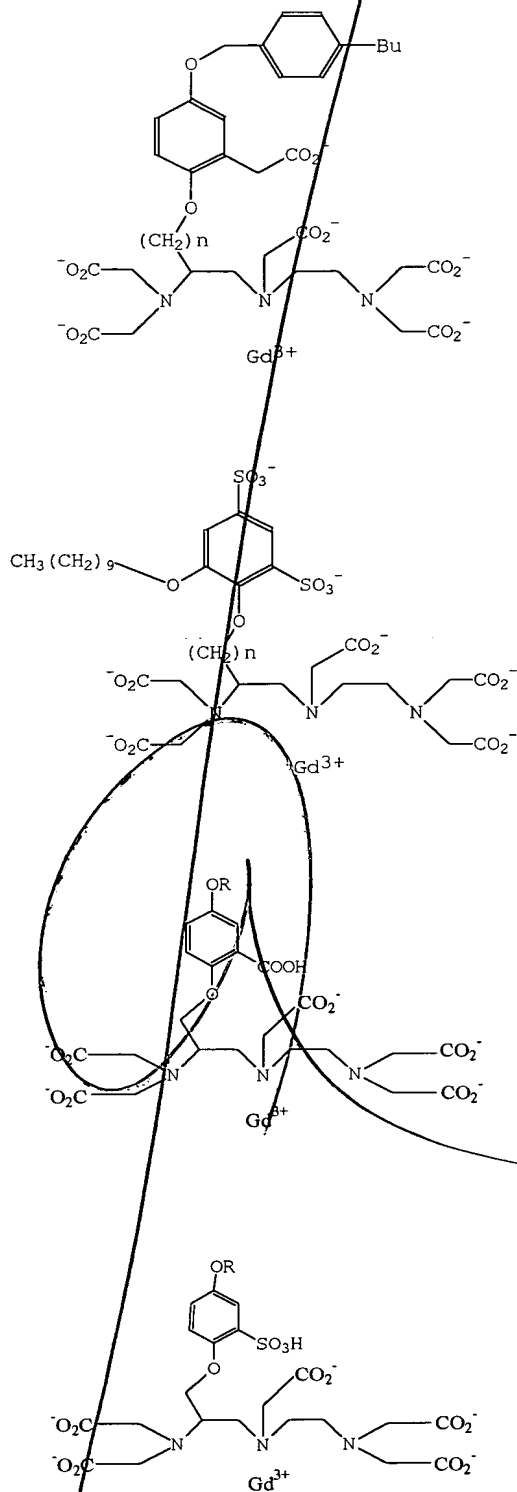






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wherein n can be 1 to 4, and R comprises an aliphatic group and/or at least 1 aryl ring;

(b) subjecting the patient to one of MRI, ultraviolet light, visible light or infrared light imaging; and

(c) monitoring an imaging signal characteristic of the contrast agent to determine whether the interventional therapy is complete.

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